CLAIMS

1. Backflow prevention device (1, 1'), comprising a mounting housing (2) that can be inserted into a fluid conduit (3), and having at least one sealing ring (4) that is held in an annular groove (5) provided on an outer circumference of the mounting housing (2) and that provides a seal between the mounting housing (2) and the fluid conduit (3), wherein when the backflow prevention device (1, 1') is closed and a fluid volume is sealed at a flow outlet side, the sealing ring (4) can be moved against a restoring force from a sealing position into a leakage position in order to compensate pressure.

2. Backflow prevention device according to Claim 1, wherein the restoring force of at least one rubber-like elastic restoring element (10) acts on the sealing ring (4).

3. Backflow prevention device according to Claim 2, wherein the at least one restoring element (10) has an annular construction.

4. Backflow prevention device according to Claim 2, wherein the sealing ring (4) and the at least one restoring element (10) are connected with one another in one piece to form a sealing and restoring unit.

5. Backflow prevention device according to Claim 1, wherein in the annular groove (5) an annular guide segment (9), encompassed by the sealing ring (4), is provided that tapers against an inflow direction (Pfl) of the backflow prevention device (1, 1').

6. Backflow prevention device according to Claim 2, wherein the restoring element (10) is supported on a radial wall (12) located at a flow inlet side of the annular groove (5).

7. Backflow prevention device according to Claim 1, wherein the sealing ring (4) can be moved from the sealing position into the leakage position by a backflow that acts thereon.

8. Backflow prevention device according to Claim 1, wherein at least one pressure compensation channel (11) is provided that connects an area of the groove situated before the leakage position in the inflow direction (Pfl) to a flow inlet side of the backflow prevention device (1, 1').

9. Backflow prevention device according to Claim 8, wherein the at least one pressure compensation channel (11) is fashioned as a slit or similar opening of the radial wall (12) at the flow inlet side.